

# INTERNATIONAL SEARCH REPORT

International Application No

/IB 03/04012

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L23/58 G06K19/073 G06K19/077 H01L25/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 00 63836 A (BONVALOT BEATRICE ;LEYDIER ROBERT (FR); SCHLUMBERGER SYSTEMS &amp; SER)  26 October 2000 (2000-10-26)  page 1, line 10-27  page 2, line 3-18  page 4, line 18 -page 5, line 23; figure 1  page 6, line 18-21; figure 4  page 8, line 11-16; figure 9  page 9, line 8-12</p> <p style="text-align: center;">--- -/--</p>	1,3-6,8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

21 January 2004

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29/01/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 99 12204 A (BONVALOT BEATRICE ;SCHLUMBERGER IND SA (FR); LEYDIER ROBERT (FR)) 11 March 1999 (1999-03-11) page 2, line 9 -page 3, line 26 page 4, line 15 -page 5, line 5; figure 1 page 6, line 3-15 page 8, line 26 -page 9; figures 3A-3F page 9, line 21-28; figures 4A-4C page 10, line 16 -page 11, line 9; figures 5A-5E</p>	1-12
A	<p>US 5 965 867 A (HAGHIRI-TEHRANI YAHYA) 12 October 1999 (1999-10-12) column 1, line 8-28 column 3, line 55 -column 4, line 39; figures 5-7 column 5, line 1-33</p>	1-12
A	<p>US 2002/079568 A1 (DUDDERAR THOMAS DIXON ET AL) 27 June 2002 (2002-06-27) paragraphs '0003!', '0004! paragraphs '0042!', '0043!; figure 6</p>	1-12
A	<p>US 5 877 547 A (RHELIMI ALAIN) 2 March 1999 (1999-03-02) column 1, line 10-36 column 2, line 56 -column 3, line 29 column 4, line 27-30 column 6, line 22-59; figure 5</p>	1-12

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0063836	A	26-10-2000	FR 2792440 A1	20-10-2000
			AT 226744 T	15-11-2002
			CN 1347535 T	01-05-2002
			DE 60000666 D1	28-11-2002
			DE 60000666 T2	03-07-2003
			EP 1183642 A1	06-03-2002
			ES 2185588 T3	01-05-2003
			WO 0063836 A1	26-10-2000
			JP 2003521757 T	15-07-2003
			US 6576991 B1	10-06-2003
WO 9912204	A	11-03-1999	FR 2767966 A1	05-03-1999
			CN 1278364 T	27-12-2000
			EP 1021833 A1	26-07-2000
			WO 9912204 A1	11-03-1999
			JP 2001515273 T	18-09-2001
			US 6433439 B1	13-08-2002
US 5965867	A	12-10-1999	AT 199601 T	15-03-2001
			AU 6734996 A	18-02-1997
			DE 59606555 D1	12-04-2001
			EP 0842494 A1	20-05-1998
US 2002079568	A1	27-06-2002	NONE	
US 5877547	A	02-03-1999	FR 2727226 A1	24-05-1996
			FR 2727227 A1	24-05-1996
			DE 69504208 D1	24-09-1998
			DE 69504208 T2	29-04-1999
			EP 0792497 A1	03-09-1997
			ES 2122702 T3	16-12-1998
			WO 9616378 A1	30-05-1996
			JP 10509260 T	08-09-1998